



A River Runs Through it

Student Sheet

Section 1: Why are mussels declining?

There are many different ways humans impact rivers. Many of these human impact directly effect or indirectly affect the freshwater Mussel population.

1. Brainstorm 5 different ways humans can affect the mussel population. Decide what column human impact occurs in. (wait further for teacher instruction)

Water quality	Host fish	Water withdraw or diversion	Habitat



Section 2: How do humans cause mussel decline?

2. Which topic did you choose? _____

3. Answer the following questions:

a. What is it? Describe it below.

b. How did humans cause it? Diagram the cause like the example your teacher shows you.

c. How does it contribute to decline of native mussels?

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Section 3: How are humans impacting the river?

4. What are the social, environmental and economic impacts of the topic you were researching?

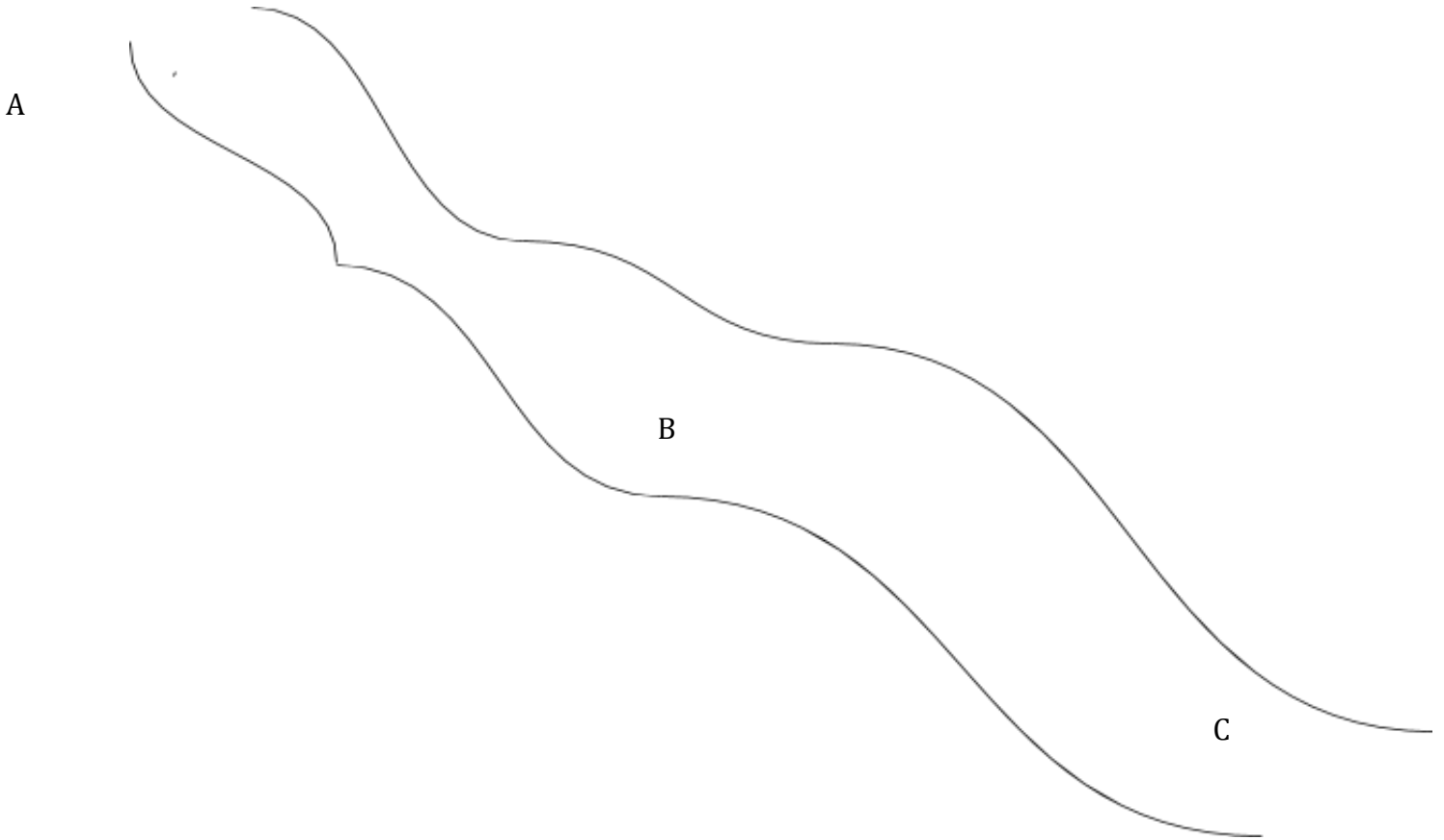
Social	Environmental	Economic

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5. Draw pictures in/next to the river below to represent how humans are impacting the rivers. Be ready to add your ideas to the class picture.



6. What are three things you can do to improve water quality in Minnesota and conserve native freshwater mussels?

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